

Product Data Sheet

APC anti-human CD79b (Ig β)

Catalog # / Size: 341405 / 25 tests
 341406 / 100 tests

Clone: CB3-1

Isotype: Mouse IgG1, κ

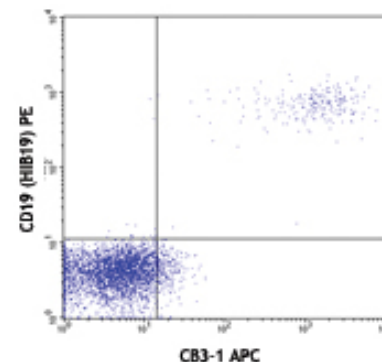
Workshop Number: VI CD79.1

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with CB3-1 APC and anti-CD19 (HIB19) PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application References:

1. Nakamura T, *et al.* 1992. *P. Natl. Acad. Sci. USA* 89:8522.
2. Garcia Vela J, *et al.* 1999. *Leukemia*. 13:1501.
3. Yoshino N, *et al.* 2000. *Exp. Anim. (Tokyo)* 49:97. (FC)

Description: CD79 is a heterodimeric molecule comprised of an α -chain (CD79a) and β -chain (CD79b). A 37-39 kD type I integral membrane protein CD79b is non-covalently associated with CD79a and cell surface IgM to form the B-cell receptor (BCR) complex. CD79b is expressed on the surface of surface Ig (slg)-positive B cells and in the cytoplasm of slg-negative B cells. It is essential for signal transduction after surface Ig crosslinking.

Antigen References:

1. Zola H, *et al.* Eds. 2007. *Leukocyte and Stromal Cell Molecules: The CD Markers*. A John Wiley & Sons Inc.
2. Dylke J, *et al.* 2007. *Immunol. Lett.* 112:47

Related Products:

Product
 APC Mouse IgG1, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)
 Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
 MOPC-21

Application
 FC, ICFC
 FC, ICC, ICFC
 FC, ICFC
 FC, ICC, ICFC



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